

20000610.qrp v01_n848.qrl.20000610

Date: Sat, 10 Jun 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1848

QRP-L Digest 1848

Topics covered in this issue include:

- 1) [72356] CLUB: Austin QRP Club meeting is Saturday 6/10.
by Glen Reid <k5fx@flash.net>
- 2) [72357] 80 mtr W/R 2 ele is UP...
by hamjoel@juno.com
- 3) [72358] Diode Identification
by George F Franklin <w0av@juno.com>
- 4) [72359] N4HAY SMiTE Fox Sunday Night
by KG4CRU@aol.com
- 5) [72360] Wanted: MXM transceiver
by "Alan Fryer" <n3bj@hotmail.com>
- 6) [72361] [CONTEST] QRP Contesting - This Weekend
by Ken Newman <N2CQ@citnet.com>
- 7) [72362] THANKS: Request for list command info
by Russ Dow <n7dw@garlic.com>
- 8) [72363] Re: Diode Identification
by Steve Yates <aa5tb@yahoo.com>
- 9) [72364] Re: Low value resistor markings
by lenny wintfeld <w2bvh@home.com>
- 10) [72365] OT: Help: email via VHF - HOW???
- by Monte Stark <ku7y@dri.edu>
- 11) [72366] Low value resistors
by Charles K Brown <n4so@juno.com>
- 12) [72367] QRP-L CD Version 3 - Weekly Friday Repost (long)
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 13) [72368] Sweepstakes Phone Results
by "Brian J Keegan" <brimail@home.com>
- 14) [72369] Re: Diode Identification
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [72370] Diode Identification
by George F Franklin <w0av@juno.com>
- 16) [72371] solar questions
by Dan Presley <talljazz@teleport.com>
- 17) [72372] Capacitor identification
by Rick McKee <kc8aon@juno.com>
- 18) [72373] Re: Capacitor identification
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [72374] Chasin' down the attic & finding some history

- by nilsbull@juno.com
- 20) [72375] FS HW-9
by "bob baxter" <rbaxter@cybertrails.com>
- 21) [72376] Re: OT: Help: email via VHF - HOW???
by Bob Nielsen <nielsen@oz.net>
- 22) [72377] Norcal 20 Case
by "John L. Sielke" <n4js@pobox.com>
- 23) [72378] SMK-1 RECEIVER DEAD!!!
by Earl Murphy <earlmurf@telusplanet.net>
- 24) [72379] Re FS HW-9
by "bob baxter" <rbaxter@cybertrails.com>
- 25) [72380] The nominally incomplete ancient radio book list
by nilsbull@juno.com
- 26) [72381] FS: Teflon wire
by James Skalski <jskalski@localnet.com>
- 27) [72382] NC20- Case sold!
by "John L. Sielke" <n4js@pobox.com>
- 28) [72383] SPRAT 103
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
- 29) [72384] 49MHz Walkie-Talkie Conversion
by Tom and Roxy <zikot@erie.net>
- 30) [72385] low val res markings
by "Mel Evans" <mel@euramcom.freemove.co.uk>
- 31) [72386] Re: Capacitor identification
by "Mel Evans" <mel@euramcom.freemove.co.uk>
- 32) [72387] Power FET PA ?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 33) [72388] New products and News from Morse Express
by "Marshall Emm" <mgemm@mtechnologies.com>
- 34) [72389] Re: OT: Help: email via VHF - HOW???
by "Paul R. Valko" <prvalko@oakland.edu>
- 35) [72390] Re: Power FET PA ?
by NB6M@aol.com
- 36) [72391] Morse Code Trainer...looking for
by "John Nall" <nally@talstar.com>
- 37) [72392] Red Hot Radio - Temporarily Closed for the Summer
by Dave Fifield <fifield@pacbell.net>
- 38) [72393] K2 Arrived!
by "Ron Polityka" <wb3aal@talon.net>
- 39) [72394] QST QRP Issue
by Pete Burbank <plburbank@kih.net>
- 40) [72395] Re: Morse Code Trainer...looking for
by Phil Wheeler <w7ox@earthlink.net>

Date: Fri, 09 Jun 2000 18:03:26 -0500
From: Glen Reid <k5fx@flash.net>

To: AQR List <AQR@onelist.com>, HQR List <hqr@stevens.com>, QRP-1 <qrp-1@lehigh.edu>
Subject: [72356] CLUB: Austin QRP Club meeting is Saturday 6/10.
Message-ID: <394177BE.FC8337BC@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a reminder that the Austin QRP Club meeting is Saturday 6/10.

Anyone not at Hamcomm, can come to the other major radio geek event of the weekend...A QRP Club

Check the new web site for details: <http://www.qsl.net/kq5rp>

Don't forget our theme "Portable Power".

I am sure there will be more FD plan discussion and other neat-o stuff.

73

gr

--

GLEN REID

...in the beautiful hill country of TEXAS...

Email: k5fx@arrl.net

Date: Fri, 9 Jun 2000 19:51:19 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [72357] 80 mtr W/R 2 ele is UP...
Message-ID: <20000609.195233.-203023.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

high Y'all

Well after a few years I done dude it...Driven element 121ft 2inches
director element....113ft 10 inches

spacing 28ft...
height 40 + ft

the flat portion of the antenna is 66ft for both elements... the excess just hangs down where the rope connects...
got favorable signal reports so far... and was able to raise the sstv

repeater in nova scotia...

what follows is a description murphy's input to this project... so if ur not interested in a smile or two... u can leave now....

I tried using my two 28 ft dowel rods and never have I had so much trouble... one kept wanting to turn over or hang at a 45 degree angle... the other just wanted to catch up in every branch of the tree... I tried all my secret moves and the dowels just laughed at me...

finally I dropped the dowels and got out my hand saw and cut them into 16 inch pieces... perfect for my wood heater.. take the chill outta the air.... make me feel real good....

I then hooked the wires up to the ropes I had in the trees and used 28ft spacing and hauled the ant up in about 15 minutes... go figure... I came into the house and the computer was in it's sleep mode and wouldn't come out of it... so I hit reset... and it came up again and displayed a window that said ... fatal error... program will be closed press any key to continue.... so I did ...and another screen saying the same thing came up...this kept up for about 5 screens....so I reset the sucker again and got out my hammer.... needless to say the computer is working fine now.

the antenna looks like I made one side 28 ft and the other 38ft... however I think it is an optical illusion... Also there were at least a zillion starving black flies in the yard.... now they can hardly fly they are so full of my body fluids....looks like I got the chicken pox... other than that, things went just fine....

kella joel
in maine
wondering what convinced humans to move north...
so far, insanity is my only answer....

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 9 Jun 2000 19:04:33 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [72358] Diode Identification
Message-ID: <20000609.190433.-451783.3.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello You Gurus,

In attempting to repair a 13.8V, 35A switching power supply (117VAC input) I have encountered a diode bearing the Motorola logo and MUR460 followed by 9234.

I assume 9234 is the date of manufacture.

Can anyone tell me if this is some sort of special diode? It is a black plastic tubular package, one banded end. about 1W size.

TIA

de George/W0AV
SOC#101

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 9 Jun 2000 20:04:20 EDT
From: KG4CRU@aol.com
To: qrp-1@lehigh.edu
Cc: klqrp@waterw.com
Subject: [72359] N4HAY SMiTE Fox Sunday Night
Message-ID: <90.57695e6.2672e004@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well QRPer's

my turn to be the Fox SMiTE on Sunday night June 11th starting at 9:30PM EDT Sunday evening (0130 UTC, Monday morning 5/29). Operating from the great state of North Carolina!

Tune around 3.6864 +/- . I will be calling calling "CQ FOX". I'll be on as long as there are folks to work.

Working condx:-

I will start with the Knightlite SMiTE at 200Mw but if BC interference is a problem, I will switch to a K2 Rx. Antenna is an Inverted Vee at 45ft.

I look forward to shedding a bunch o' pelts.

72 de Dick N4HAY

Date: Fri, 09 Jun 2000 17:28:51 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [72360] Wanted: MXM transceiver
Message-ID: <20000610002851.76634.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wanted: MXM transceiver kit or built, problem rig OK, any band OK.

Please let me know what you have.

Alan, N3BJ

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 09 Jun 2000 20:26:49 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [72361] [CONTEST] QRP Contesting - This Weekend
Message-ID: <3.0.6.32.20000609202649.00955e20@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

June 10/11, 2000

~~~~~  
W W South American Contest (CW) ... QRP Category

Jun 10 - 0000z to Jun 11 - 1600z

Rules: <http://www.sk3bg.se/contest/wwwsamc.htm>
~~~~~

ANARTS WW RTTY/Digital Contest

Jun 10 - 0000z to Jun 11 -2400z

Rules: <http://home.sol.no/~janalme/rules/anarts.txt>

~~~~~

Top Of Europe Contesters - WW Grid Contest (SSB)

Jun 10 - 1200z to Jun11 - 1200z

Rules: <http://www.qsl.net/toec/grid.htm>

~~~~~

AND LATER.....

~~~~~

All Asian DX Contest (CW)

Jun 17 - 0000z to Jun 28 - 2400z

Rules: <http://home.sol.no/~janalme/rules/allasia.txt>

~~~~~

West Virginia QSO Party (SSB/CW)

Jun 17 - 1800z to 2400z

Rules: <http://www.arrl.org/contests/months/jun.html>

~~~~~

Kid's Day (SSB)

Jun 17 - 1800z to 2400z

Rules: <http://www.arrl.org/ead/kd-rules.html>

~~~~~

SP QRP Contest (CW) ... QRP Contest!

Jun 24 - 1200z to Jun 25 - 1200z

Rules: <http://home.sol.no/~jana1me/rules/spqrp.txt>

~~~~~  
Marconi Memorial Contest (CW) ... QRP Category

Jun 24 - 1400z to Jun 25 1400z

Rules: <http://www.qsl.net/ik6ptj/marconi.htm>

~~~~~  
ARRL Field Day (CW/SSB/RTTY)... QRP Category

Jun 24 - 1800z to Jun 25 - 2100z

Rules: <http://www.arrl.org/contests/announcements/rules-fd.html>

~~~~~  
QRP ARCI Milliwatt Field Day (ALL)... QRP Contest!

Jun 24 - 1800z to Jun 25 - 2100z

Rules: <http://www.qrparci.org/mwfd.htm>

~~~~~  
72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==

<http://www.njqrp.org/data/contesting.html>

-----  
Date: Fri, 09 Jun 2000 18:26:46 -0700

From: Russ Dow <n7dw@garlic.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [72362] THANKS: Request for list command info

Message-ID: <39419956.F2DE7BB2@garlic.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit



Guys and gals,

You're terrific! So far I have received no less than 18 responses to my request. From now on I'll keep a printed copy close by. Also going to get that too-long-postponed rewritable CD drive. Having a recent backup would have helped me keep my bonehead mistake private. ;)

Thanks for your help,  
Russ N7DW

Russ Dow wrote:

>  
> Hi gang,  
>  
> While installing Earthlink on my home system I did something that wiped  
> out my entire local mail folder, including the subfolder where I saved a  
> copy of the QRP-L list commands.

-----  
Date: Fri, 9 Jun 2000 19:59:07 -0700 (PDT)  
From: Steve Yates <aa5tb@yahoo.com>  
To: w0av@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72363] Re: Diode Identification  
Message-ID: <20000610025907.17499.qmail@web3006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

George,

It is specified as a 4A/600V Ultrafast Rectifier diode. Everything you want to know about it can be found at:

[http://www.onsemi.com/pub/prod/0,1824,products1\\_prodsum\\_base=MUR460,00.html](http://www.onsemi.com/pub/prod/0,1824,products1_prodsum_base=MUR460,00.html)

I'm sure there are many other sources of information on this diode. Good luck.

=====

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

-----  
Do You Yahoo!?

Yahoo! Photos -- now, 100 FREE prints!

<http://photos.yahoo.com>  
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Date: Fri, 09 Jun 2000 23:44:53 +0930

From: lenny wintfeld <w2bvh@home.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [72364] Re: Low value resistor markings

Message-ID: <3940FBDD.AEA366E8@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gold is the color for a 0.1 multiplier and silver is used for a 0.01 multiplier. So a 2.2 ohm resistor would be marked red-red-gold (plus another gold/silver band for 5 or 10% tolerance). Similarly a 0.22 ohm resistor would be red-red-silver.

Hope this helps.

Best 73's

Lenny W2BVH  
-----

Date: Fri, 9 Jun 2000 21:23:46 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>

Subject: [72365] OT: Help: email via VHF - HOW???

Message-ID: <Pine.GS0.4.10.10006092119470.5235-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Subject line kinda says it all..... how do I get my email via VHF/UHF packet?

Will a PK88 work?

I know I will not be able to get this list that way but  
I do need to get my "regular" email that way.

Have radio, computer and PK88.

Don't have the knowhow! :-)

Musta been smelling that darn box after all!

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

-----  
Date: Sat, 10 Jun 2000 00:37:42 EDT  
From: Charles K Brown <n4so@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [72366] Low value resistors  
Message-ID: <20000609.233558.9494.52.n4so@juno.com>

Programs are available from the Web that calculate  
the resistor color code-- one mentioned 2 or 3 weeks  
ago is called resistor.exe. A similar program for  
capacitors is called capcoder.exe. I downloaded both  
zipped files and tested each one.  
Both programs bring up a Windows-like screen or box  
for calculation of values. The resistor program inputs  
color code bands and calculates a resistor value, and the  
capacitor program inputs EIA identification markings  
and outputs capacitance value and tolerance.

Ken Brown N4SO  
Mobile, AL EM50tk  
Norcal 20 at 5 watts  
4 ele. yagi

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 09 Jun 2000 23:33:55 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [72367] QRP-L CD Version 3 - Weekly Friday Repost (long)  
Message-ID: <3941EF63.1EF0016E@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from the QRP-L CD Providers, now communicating in one consolidated message to keep traffic on QRP-L to a minimum. We will post once a week until the end of June and then once a month for a while.

QRP-L CD Version 3.0 CD-ROM (Editor - WB8RCR, John McDonough)

Overview from the QRP-L CD:

Well, it's finally here! Version 3 of the QRP-L CDRom, and since version 2, we've had a lot of changes on the list, the startup of QRP-F, a much more active and aggressive QRP ARCI, and a new millennium! This CD contains the entire QRP-L archive for the 20th century, as well as a few months of the 21st. (1993 through sometime in April 2000)

Much of the material for this one is the same as Volume 2, except, of course, for the updated archives. If you have anything you can contribute, please send it along to WB8RCR <mailto:wb8rcr@arrl.net> for the next release. I'm sure your fellow QRPers would appreciate your sharing.

WB8RCR has included the latest version of QSLMaker - And also in the QSLMaker directory is a set of new background bitmaps. These are especially for ARCI members (QRP Amateur Radio Club International) who want to display the ARCI logo on their card.

There are links to the HTML directories and the QRP-L archives.

- \*\* QRP-L Archives
- \*\* Chuck Adams, K7QO, pictures
- \*\* Glen Leinweber, VE3DNL, Elmer101 Web Page
- \*\* KBOHQU's Pixie and SMiTe files
- \*\* NEC2 - The NEC antenna design program
- \*\* PCPGMS - Misc Utilities
- \*\* RUFZ - The RUFZ morse code program
- \*\* SPICE - Spice modeler and many of the models included

\*\* WB8RCR - QSLmaker and some graphics - The latest version  
\*\* and much more

=====

How to get your own Version 3 copy of the QRP-L CD.

=====

There are four people ready to take orders for the QRP-L CD Version 3,  
dated May 7, 2000.

They can supply a blank CD or accept one from you.

Plan A: Your blank CD

-----

Put a blank CD in one of those plastic sleeves (i.e. don't send the  
jewel box). Put this CD in a sturdy cardboard mailer. Put your  
mailing address on the mailer. Put postage on the mailer.  
(Typical postage is 77 cents in the USA, though if you use a bubble  
mailer or one of those thick padded mailers it might be more.)  
Now put this mailer into a larger (of course) mailer addressed  
to one of the Providers (see below). Write your name AND email  
address on a small slip of paper and enclose it as well.

Plan B: Provider provides the blank CD

-----

Send a check for \$10 USD payable to one of the providers (see below).  
\$10 USD will cover the QRP-L CD for International as well as domestic.  
Please enclose a self-adhesive mailing label with your mailing address.  
Write your name AND email address on a small slip of paper and enclose  
it as well. If you don't have a self-adhesive label just put your  
mailing address neatly on a piece of paper so that we can cut out  
and tape to the package.

Send your package or envelope to:

Jim Larsen, AL7FS           mailto:al7fs@pobox.alaska.net  
3445 Spinnaker Drive  
Anchorage, AK 99516-3424   OR

Michael Bower, N4NMR       mailto:bowerm@ix.netcom.com  
43304 Wayside Circle  
Ashburn, VA 20147-4621     OR

Bob Patten, N4BP           mailto:n4bp@bc.seflin.org

2841 N.W. 112 Terrace  
Plantation, FL 33323 OR

Michael Gipe, K1MG      <mailto:mgipe@reliablemeters.com>  
12770 Lika Ct  
Saratoga, CA 95070

Upon receipt, We will email you to confirm receipt of your package--IF  
you remembered to enclose your email address :-)

-----

Plan C: You can use PayPal and we provide blank CD.

-----

PayPal Information - Three of the providers are set up for PayPal -  
AL7FS, N4NMR and K1MG.

PayPal accounts are now available that the Providers can use to receive  
payment by MasterCard or Visa. PayPal is available at  
<http://www.PayPal.com>

If you would like a new PayPal account you can use these links to get  
there.

AL7FS as referral:

<https://secure.paypal.com/refer/pal=al7fs%40pobox.alaska.net>

N4NMR as referral:

<https://secure.paypal.com/refer/pal=bowerm%40ix.netcom.com>

K1MG as referral:

<https://secure.paypal.com/refer/pal=mgipe%40reliablemeters.com>

Feel free to use one of our address as the referring party if you do set  
up a new account. :-)

Use ONE of the below email addresses as the PayPal account numbers for  
the transmission of the \$10 USD.

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
|                   | Pay Pal Account numbers                                            |
| Jim Larsen, AL7FS | <a href="mailto:al7fs@pobox.alaska.net">al7fs@pobox.alaska.net</a> |

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| Michael Bower, N4NMR | <a href="mailto:bowerm@ix.netcom.com">bowerm@ix.netcom.com</a> |
|----------------------|----------------------------------------------------------------|

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| Michael Gipe, K1MG | <a href="mailto:mgipe@reliablemeters.com">mgipe@reliablemeters.com</a> |
|--------------------|------------------------------------------------------------------------|

If you choose to use PayPal you need to email the Provider also with  
your information as follows:

## General Guidelines

### Email Subject:

\*\* QRP-L CD order from (your call) via PayPal

### Text:

\*\* Repeat your PayPal email address

\*\* Provide your mailing Name and address

\*\* Add any other comments on the bottom of the message as needed.

### ----- International Mailings

-----  
It looks like the package will weigh less than 3 ounces. The \$10 USD will cover the International postage just fine.

Therefore, \$10 USD will cover the QRP-L CD for International as well as domestic USA.

Upon receipt of Check or PayPal or blank CD, the Provider will email you to confirm receipt and suggest how long it will take to get the CD off to you.--IF you remembered to enclose your email address :-)  
-----

Websites with the QRP-L CD information are available at:

<http://www.qsl.net/al7fs/> OR

<http://www.qsl.net/n4nmr/qxplcdvol3.html/>

Questions? Send email to me at <mailto:AL7FS@pobox.alaska.net> or to any of the other Providers. Please make the subject line: QRP-L CD Question from (your callsign).

73, Jim, AL7FS

on behalf of AL7FS, N4NMR, N4BP and K1MG

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>  
QRP ARCI #6754 Check out <http://www.qxparci.org/>

=====

-----  
Date: Sat, 10 Jun 2000 06:54:59 -0400

From: "Brian J Keegan" <[brimail@home.com](mailto:brimail@home.com)>

To: "QRP-L" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>

Subject: [72368] Sweepstakes Phone Results

Message-ID: <004101bfd2ca\$52e79a40\$12960318@vron1.nj.home.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

If this was already mentioned I appologize for repeating it.

1999 Sweepstakes Phone results have been posted on the ARRL Members Only page.

Brian KF2HC  
kf2hc@njdx.org

-----  
Date: Sat, 10 Jun 2000 07:53:34 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <w0av@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72369] Re: Diode Identification  
Message-ID: <008e01bfd2d3\$f25125c0\$2c4dfea9@dadshp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As already pointed out, it's an 'ultrafast' diode.

It might bear mention that in any situation where you are not dealing with sine waves (like a 'regular' power supply) you should use a 'fast recovery diode'. If you are repairing a circuit that does not have a sine wave, expect a fast recovery diode to be used.

The problem is that when a diode conducts, it doesn't 'turn off' quite that quick. With a sine wave, the junction can react to the state change, but with a switcher the signal applied to the diode can go from full on to full reverse on from the front edge of a square wave. Most 'normal' diodes will actually conduct for this reversal for a short time. This can cause poor efficiencies in a circuit or worse, component failure.

Mike

> Hello You Gurus,  
>  
> In attempting to repair a 13.8V, 35A switching power supply (117VAC



> input) I have encountered a diode bearing the Motorola logo and MUR460  
> followed by 9234.  
>  
> I assume 9234 is the date of manufacture.  
>  
> Can anyone tell me if this is some sort of special diode? It is a black  
> plastic tubular package, one banded end. about 1W size.  
>  
> TIA  
>  
> de George/W0AV  
> SOC#101  
>  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.  
>

-----  
Date: Sat, 10 Jun 2000 07:20:39 -0500  
From: George F Franklin <w0av@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [72370] Diode Identification  
Message-ID: <20000610.072039.-229625.0.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

To all who answered my query about the MUR460 diode, many thanks!

Now that I have exonerated the suspect diode, I'll continue my efforts to repair the switching power supply.

Needless to say, I have no schematic and the {local} manufacturer is no more.

It is a 35A 13.8V unit which failed in service after about five years.  
There are  
no signs of burns, smoke, etc. And, typically, no fuses.

The diode bridge is OK, delivering about 160 VDC to the innards.

There are several unmarked T0220 devices and two unmarked IC's.

This should be an interesting project.

Thanks again to all.

72/73/74 de George/W0AV  
SOC#101

-----  
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-----  
Date: Sat, 10 Jun 2000 02:08:10 -0700  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@LeHigh.edu  
Subject: [72371] solar questions  
Message-ID: <v03007809b567b5e02136@[216.26.63.42]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>I hope this answers some of your questions. During the past solar cycles,  
>we did not have real-time satellites in orbit making all these  
>measurements of solar wind, shockwaves, particle densities, etc. There  
>was often little warning when a storm hit or how long it would last. Now  
>with all this data, it's becoming easier to see when a storm is about to  
>begin and when it will start to subside. However, with all this data,  
>there is still so much to learn. Our understanding of the PHYSICS behind  
>all of this has virtually changed completely in the past ten years, while  
>the accuracy of making predictions is still difficult at best. It's  
>making predictions of a wavefront of particles and electrons that even  
>with modern technology, still can not be actually seen as they travel  
>from the sun to the earth ... only measured when they finally hit!  
>  
>72, Paul NA5N

Paul-thanks for taking the time to answer, and this does help. It's been a lot of fun to follow up and listen to the bands to see when they open up after an event. I also try to take advantage of a 'lower population' on the bands to work some dx if I can get on right after things calm down. Please keep up with the informative posts-it's greatly appreciated!

Dan Presley-N7CQR-Portland, Or QRP-L #502

-----  
Date: Sat, 10 Jun 2000 08:29:14 EDT  
From: Rick McKee <kc8aon@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [72372] Capacitor identification  
Message-ID: <20000610.082927.4599.2.kc8aon@juno.com>

Gang,

I have 2 disk type caps that are marked: 82M 6KV, I know what the 6KV is, but I'm confused about the 82M. Is this 82 uf or 82 pf or what ?

73...Rick McKee KC8AON { CW lives as long as I do ! }  
Willow Wood, Ohio "oo's"  
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33  
TriState BrassPounders # 1

-----  
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-----  
Date: Sat, 10 Jun 2000 08:42:30 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72373] Re: Capacitor identification  
Message-ID: <00d001bfd2d9\$715698a0\$2c4dfea9@dadshp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

With caps you sorta have to know what you're holding.

However, as a general rule...

If a cap has two digits, it's probably pf. So 82 is 82pf. The "M" is a qualifier for temperature or tollerence or something else, I forget all the designations.

Caps MAY have a single digit on them, and again, it's probably in pf.

When a cap has three digits, it's sorta like a resistor, But I HAVE seen some caps marked 220pf for 220pf, although strictly speaking a 220pf cap should be marked 221 for 22x10E1

As caps grow beyond the 'small' values, then you can get even more of the dual markings. If you see a cap marked .022 it's a safe bet its .022uf, or 22000pf. That cap could ALSO be marked 223. A cap could be marked 0.47 or 474 for .47uf

Be careful though and don't get confused. A marking of .1 or 104 both mean 0.1uf.

Once you hit tants or electrolytics they usually just spell it out for the rating.

Mike

```
> Gang,
>
> I have 2 disk type caps that are marked: 82M 6KV, I know what the
> 6KV is, but I'm confused about the 82M. Is this 82 uf or 82 pf or what ?
>
>
> 73...Rick McKee KC8AON { CW lives as long as I do ! }
> Willow Wood,Ohio "oo's"
> AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
> TriState BrassPounders # 1
>
>
> -----
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> Try it today - there's no risk! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
```

```
-----

Date: Sat, 10 Jun 2000 14:25:31 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [72374] Chasin' down the attic & finding some history
Message-ID: <20000610.142540.-163951.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
```

Fellow lunatics & sufferers,

As part of Cindy's on-going spousal abuse project, I was up in the attic this morning checking to see if I could put it on one of the CDC's "hotspot" lists for Hanta virus. In the course of this operation, while clearing out detritus & looking for the drops to the ceiling lights in two bedrooms & Cindy's office, I came across a book that I've been looking for off-and-on for about 16 years now.

The book is one of two remaining volumes of the "Our Wonder World: A Library of Knowledge in Ten Volumes" encyclopedia set, published in 1914. How this set & these two volumes came into my parents' possession is anyone's guess, although I suspect that it was a trade between Mom & her brother V.T. Schreiber over a wonderful set of books that Mom & Dad had bought when my sister & I were just learning to read . . . about age 4. In 1950.

I think of this in a certain context of my family history in 1914, when this particular book was published. My father was 3 three years old and going off to Norway with his mother after the death of his grandfather, after whom his brother was named. Mom was 7 years old, going to school with her five brothers in a one-room school house where her mother had taught. Outside of that, William Burroughs was just in his early infancy, along with Argentine author Julio Cortazar. Thirty-five years later, Fidel Castro would be born. It is a period of time that seems so remote to some now that it almost seems devoid of any grand technological changes, but they were there, lurking in encyclopedias like this one.

At any rate, volume 7 of this set is devoted to "amateur handicraft." There's stuff about toy-making, needlework, clay-making, leather work, decorative design, and "modern electrical projects." As you might by now suspect, I kept this volume because it had some early radio stuff in it. That and instructions & drawings for making a wire telegraph set, key, sounder, batteries & all.

Between pages 367 and 376 are described, with drawings & pictures, what is called a "the telegraph station" and later, the "wireless telegraph station." The section begins with these words:

"Some boys (and some girls) seem to be foreordained electricians. They love batteries and wires and signals from the start. If you are one of these, the working out of the two projects here given will be 'as easy as rolling off a log.'"

The text & pictures describe what is, in essence, shown in Elmer Bucher's book "Practical Wireless Telegraphy," which I mentioned before in other ramblings. If I have the time &/or get the scanner working at the home computer (in Cindy's office where one of the ceiling fans is going to hang), I'm going to scan the drawings & pictures & put them on my ham

radio web site.

I find it absolutely fascinating (in all the root forms from which "fascination" derives) that kids my son's age and older would have had access to this stuff. But even more fascinating is the driving force in what I have always thought was central to ham radio: making neat stuff out of crap most other folks would ignore or have no care for knowledge about. There's a description & details for making a variable capacitor. Tin stock and hinges with a wood frame. The "jigger" antenna coupler is made from stiff wire and hardwood lath work. Four pictures of young men with serious faces and good clothing show a collection of various stations. Batteries, home made leyden jars (explained in the book's pages), keys & attic windows, the engineers of tomorrow who may just be lucky enough to be alive today.

Can you imagine their view of the technology of today? Riding the train, looking at the telegraph wires, hearing the arc & buzz of distant ships & telegraph traffic, the hum of alternator signals, the CW signals (which is another interesting story by itself). I am reminded always of my father talking about hearing distant stations like WLW or KDKA on his home-made crystal sets, sitting in the middle of the Yavapai Indian country in the Arizona Territory. What magic it was then. What magic it is now!

What magic are the associations and friendships that exist here, on the modern telegraphic network by which we communicate . . . when we aren't listening, like a bunch of kids in a 1914 encyclopedia, to the wires hang in the air. Hmm hmmm hmmm . . . .

Delicious.

73

Nils

. . . I'll post later & separately a list of books that I've found & about which some of youse has asked me over the course of my most recent ramblings . . . but first I must find my one-tube radio coil set . . . bet it's up in the attic under one or other pile of rodent droppings laced with Hanta . . .

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>

"In MY day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

-----

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 10 Jun 2000 08:07:41 -0700  
From: "bob baxter" <rbaxter@cybertrails.com>  
To: <qrp-1@lehigh.edu>  
Subject: [72375] FS HW-9  
Message-ID: <002401bfd2ed\$a172ca40\$14142aa2@bobbaxte>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Have decided to put my HW-9 up for sale. Put it on the air yesterday and it still works great. It has warc bands and 10 meters and the manual. \$210 shipped in the US. Reply off list to rbaxter@cybertrails.com  
Bob Baxter AA7EQ

-----  
Date: Sat, 10 Jun 2000 09:50:03 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Monte Stark <ku7y@dri.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72376] Re: OT: Help: email via VHF - HOW???  
Message-ID: <20000610095003.A6369@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Ron,

You can do this if you have a path to a packet/internet tcp/ip gateway. Many of these run JNOS or TNOS, which will handle smtp email with no problems. I don't know if there are any in your neck of the woods, but they exist in most areas of the country.

Bob

On Fri, Jun 09, 2000 at 09:23:46PM -0700, Monte Stark wrote:

> Hi All,

>

> Subject line kinda says it all..... how do I get my email

> via VHF/UHF packet?  
>  
> Will a PK88 work?  
>  
> I know I will not be able to get this list that way but  
> I do need to get my "regular" email that way.  
>  
> Have radio, computer and PK88.  
>  
> Don't have the knowhow! :-)  
>  
> Musta been smelling that darn box after all!  
>  
> 73, Ron  
>  
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> ....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
> .....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
> ....Visit my Home Page.....http://www.qsl.net/ku7y/....

--

Bob Nielsen, N7XY (RN2) nielsen@oz.net  
Bainbridge Island, WA http://www.oz.net/~nielsen

-----

Date: Sat, 10 Jun 2000 13:18:37 -0400 (EDT)  
From: "John L. Sielke" <n4js@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [72377] Norcal 20 Case  
Message-ID: <XFMail.000610131837.n4js@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

The gentleman who bought my NC20 did not want the Doug Hauff deluxe case, so it is available. Black anodized custom case for the NC20, used but unmarred. \$25 + \$3.20 Priority mail.

---

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net  
( N )( 4 )( J )( S ) NJ Grid:FM29LN http://www.qsl.net/n4js  
\\_ / \\_ / \\_ / \\_ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781



-----  
Date: Sat, 10 Jun 2000 11:22:56 -0500  
From: Earl Murphy <earlmurf@telusplanet.net>  
To: qrp-l@lehigh.edu  
Subject: [72378] SMK-1 RECEIVER DEAD!!!  
Message-ID: <39426B60.2B95@telusplanet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang, need help...

Put the SMK-1 together, and the RX is somewhat dead. The RX plays noise and hiss, but no signals. I have the same characteristics as Richard(WA4NWW) who posted May 10/00.

- No sidetone during TX (TX works fine)
- TC1 and TC2 have no effect on RX audio
- No CW signals can be heard (even with big rig on dummy load)
- Touching TC2 produces loud hum
- Only getting .2 volts on Gate of Q1 (should be 3.2 volts)
- Only getting .2 volts on Collector of Q5 (should be 3.2 volts)
- U1 (Voltages OK)
- U2 (Voltages OK)
- Q4 (Voltages OK)
- Q6 (Voltages OK)

Any HELP would be greatly appreciated....

72....Earl (VA6RF) Pounding Brass in Bassano,AB

-----  
Date: Sat, 10 Jun 2000 10:49:16 -0700  
From: "bob baxter" <rbaxter@cybertrails.com>  
To: <qrp-l@lehigh.edu>  
Subject: [72379] Re FS HW-9  
Message-ID: <003401bfd304\$37440dc0\$34142aa2@bobbaxte>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang, The HW-9 is sold, boy was that fast. I want to thank everyone

who responded. Bob Baxter AA7EQ

-----  
Date: Sat, 10 Jun 2000 17:52:06 +0000  
From: nilsbull@juno.com  
To: kc3mx@yahoo.com, QRP-L@lehigh.edu  
Subject: [72380] The nominally incomplete ancient radio book list  
Message-ID: <20000610.175212.-339627.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

Another off topic but some of you asked & I thought I'd just as soon get this over with the easy way. Hit delete now if you don't care about sparks, arcs, Fessenden, Marconi, towers made of lumber, Signal Hill, quenched gaps, ice tea or new and interesting uses for cupric sulfate.

Here's some info on the books I've been reading pursuant to telegraph, early electrical stuff, "wireless telegraphy" &c (in no particular order by author, almost MLA style):

Prescott, George B. "History, Theory, and Practice of the Electric Telegraph." reprint, University Press, Cambridge, 1972. (bought this at Hamvention 2000 from one of the big source book sales places in the main arena)

Bucher, elmer E. "Practical Wireless Telegraphy: A Complete Text Book for Students of Radio Communication" Wireless Press, New York, 1918. (bought through bookfinder.com)

Jensen, Peter R. "In Marconi's Footsteps: Early Radio." Kangaroo Press, Kenthurst NSW, Australia, 1994.

These are some of the early radio books cited by Jensen:

Bottone, S. R. "Manual of Wireless Telegraphy." 1900  
Editor, "Wireless telegraphy and How to Make the Apparatus." Cassell & Co. 1913.

Erskine-Murray, J. "Handbook of Wireless Telegraphy." 1914.

I've gone looking for some of the older books in Jensen's references & have had some luck finding them. They are not cheap. Certainly not as cheap as Bucher, the last printing of which ran 10,000 copies. My copy cost me about \$27 and it is not in great condition. The paper has begun to dry & deteriorate & the end papers have come free from the cover front & back. If you find a copy, treat it as if it were the 42-line Gutenberg

& satisfy yourself with gingerly handling the text as a relic from pre-Columbian mythology.

I will now turn off the nostalgia generator & return to nominally on-topic QRP matters . . . like getting on the air, which I otter do at least once a week just to savor that particular success.

73

Nils

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes  
<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>  
"In MY day we had to FIGHT to have open circuit tuners! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sat, 10 Jun 2000 14:00:25 -0400 (EDT)  
From: James Skalski <[jskalski@localnet.com](mailto:jskalski@localnet.com)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [72381] FS: Teflon wire  
Message-ID: <Pine.LNX.4.20.0006101326540.358-1000000@valhalla.valhalla.buffalo.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been getting a surge in requests for teflon wire to use in building and antenna projects. I guess it has been a while.

The deal is as follows:

no choice of colors, no solid colors.  
all wire is teflon jacketed, silver plated, stranded wire. (no solid)

It comes in three flavors:

1) 5 x 50 foot rolls in five different colors( 22awg), plus 100ft roll  
plus 8- 2watt 100 ohm carbon resistors shipped priority mail in US for \$20

2) 10 x 50 foot rolls (22 awg) in a variety of colors. shipped in US for \$24.

3) 1000 foot rolls ( again no choice of colors), your choice of 22, 24 or 26awg for \$35 plus shipping.

Be sure to email me what you need so I can check to see if I can fill your request. QRP Trades are welcome. ( I would trade 4000' for a DSW-40 :)  
I need a digital PID controllers that can drive a SSR and accept a three wire RTD. I need a SSR that can run a 240V 4500W heating element.  
I need? a 2 meter multimode rig. I need a KVG 9mhz cw filter. I need some 2x16 backlit displays. I need a CW paddle for use with a keyer.

Jim Skalski  
35 Castlewood Drive  
Cheektowaga, NY 14227

73,

Jim n2go

-----  
Date: Sat, 10 Jun 2000 14:18:08 -0400 (EDT)  
From: "John L. Sielke" <n4js@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [72382] NC20- Case sold!  
Message-ID: <XFMail.000610141808.n4js@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

That was FAST!

Now I've almost got enough for the K1.....

---

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net  
( N )( 4 )( J )( S ) NJ Grid:FM29LN <http://www.qsl.net/n4js>  
\\_ / \\_ / \\_ / \\_ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781

-----  
Date: Fri, 9 Jun 2000 23:39:15 +0100  
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>  
To: <QRP-L@lehigh.edu>  
Subject: [72383] SPRAT 103  
Message-ID: <000701bfd2f6\$fb028f60\$151d989e@kcubkvql>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

SPRAT 103 is now with the printer  
due out early July.

This issue includes:  
THE F6CRP RECEIVER  
A MICROPHONE TIP  
MISER'S ANTENNA ANALYSER  
LOOP REGENERATIVE RECEIVER  
PEG GRIPPER & TESTER  
LF RECEIVE CONVERTER  
A SIMPLE DDS  
THE HB9BWY TRANSMITTER  
BALANCED ATU MOD  
NO COST FIELD STRENGTH METER  
ANTENNAS, ANECDOTES AND AWARDS  
CLUB NEWS  
COMMUNICATIONS NEWS  
VHF NEWS  
NOVICE COLUMN  
MEMBER'S NEWS

If you are not a G QRP Club member  
you will miss it all.....

Membership forms can be found at  
[www.gqrp.com](http://www.gqrp.com)

If you send your full postal address to  
[g3rjv@gqrp.com](mailto:g3rjv@gqrp.com)  
or  
[g0bxo@gqrp.com](mailto:g0bxo@gqrp.com)  
you can receive a sample SPRAT  
and club information/application form

Anyone who thinks they may be a member

but is unsure if they are paid up to date  
can check with  
g3mfj@gqrp.com

72/3  
George

George Dobbs G3RJV  
g3rjv@gqrp.com  
The G QRP Club  
[www.gqrp.com]

"It is vain to do with more  
what can be done with less"

William of Occum. 1290-1350

-----  
Date: Sat, 10 Jun 2000 14:24:02 -0400  
From: Tom and Roxy <zikot@erie.net>  
To: qrp-1@Lehigh.EDU  
Subject: [72384] 49MhZ Walkie-Talkie Conversion  
Message-ID: <3.0.5.32.20000610142402.007e0dd0@erie.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Does anyone have an article or information about a 49MhZ walkie-talkie conversion to 6m that was discussed by K6DXW? I ran across a posting that was sent to WA2ISE about converting the Radio Shack single 49MhZ single channel walkie-talkies to 6m. I have several of the older models that I would like to try and convert for possible 6m CW QRP or FM simplex use. If anyone has any articles by K6DXW or knows of a URL that discusses this conversion I would be very grateful if you could send it to me.

Also... does anyone have any info on converting a Pixie2 to 10m?

TNX!

73's es gud DX!

Tom & Roxanne  
WA1VAI/3

-----  
Date: Sat, 10 Jun 2000 21:21:03 +0100  
From: "Mel Evans" <mel@euramcom.freeserve.co.uk>  
To: "qrp-1" <qrp-1@lehigh.edu>

Subject: [72385] low val res markings  
Message-ID: <00e701bfd31a\$5c78e320\$651d883e@dsnqutvf>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You might want to check my resistors page at

<http://www.euramcom.freeseerve.co.uk>

for more info on resitor and capacitors markings.

Oh, and you can add-a-link automatically for your own pages there also.

QRZ and Buckmaster look-ups for calls on the same site also.

Regards

Mel GM6JAG  
Edinburgh, Scotland UK  
Home of the last HW9

Visit the British Caravanners Club Website for Scotland

<http://www.bccscotland.freeseerve.co.uk>

for details of BCC activities in Scotland

-----

Date: Sat, 10 Jun 2000 21:24:12 +0100  
From: "Mel Evans" <mel@euramcom.freeseerve.co.uk>  
To: <kc8aon@juno.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [72386] Re: Capacitor identification  
Message-ID: <00e801bfd31a\$5d63df60\$651d883e@dsnqutvf>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Try my page at

<http://www.euramcom.freeseerve.co.uk>

for help with capacitor markings and codes.

Regards

Me1

GM6JAG, Edinburgh Scotland

Home of the last HW9

-----Original Message-----

From: Rick McKee <kc8aon@juno.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: 10 June 2000 13:32

Subject: Capacitor identification

>Gang,

>

> I have 2 disk type caps that are marked: 82M 6KV, I know what the  
>6KV is, but I'm confused about the 82M. Is this 82 uf or 82 pf or what ?

>

>

>73...Rick McKee KC8AON { CW lives as long as I do ! }

>Willow Wood,Ohio "oo's"

>AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33

>TriState BrassPounders # 1

>

>

>-----  
>YOU'RE PAYING TOO MUCH FOR THE INTERNET!

>Juno now offers FREE Internet Access!

>Try it today - there's no risk! For your FREE software, visit:

><http://dl.www.juno.com/get/tagj>.

>

-----  
Date: Sat, 10 Jun 2000 13:36:50 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [72387] Power FET PA ?

Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBA8@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0

Content-Type: text/plain

I was looking at pages 35 and 36 of "QRP Notebook" (ARRL; Doug DeMaw  
W1FB, 1986).

There was an interesting idea for a QRP power amp stage which uses a  
power FET.



I've built a few Power FET CW transmitters for the 160-190 Khz "Lowfer" band, but wonder if any of the list members have built a hexfet PA for the HF bands? According to Mr. DeMaw, most power FETs will work at HF.

I'd like to hear from anyone who was built a power FET PA (IRF-511 or similar N-channel)  
for two to five watts output.

73,  
Jay  
W6CJ

-----  
Date: Sat, 10 Jun 2000 15:10:52 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: Morse.Express@edison.chisp.net, qrp-1@lehigh.edu, cqclist@cqc.org  
Subject: [72388] New products and News from Morse Express  
Message-ID: <39425A7C.3757.848CD9@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Morse Express is delighted to announce the availability of some new products--

MINIATURE Swedish Key  
Accessories for LDG Autotuners

We recently received a small supply of the miniature version of the famous Swedish Pump Key. The Model 39002 Mini Swedish measures 5-1/4" long (to end of knob) by 3-1/4" wide by 2-1/2 inches high and the mechanical parts are highly polished brass mounted on a teak base. It weighs 400g or around 14 Oz.

The long lever gives it a distinctive and very precise feel, most unusual in a miniature key.

The key is shipped in a beautiful wooden box with green felt lining. There is a neat little push-button catch on the front, and a classical square brass hinge on the back. It's a nicely finished hardwood, possibly walnut or cherry though we can't actually tell. Definitely presentation quality, especially if you add an engraved brass plaque on the top. The mini at \$249.95 is considerably more expensive than the full size original, but once you see the workmanship you will understand why.

See it at <http://www.MorseX.com/srs>

In addition to the two new automatic antenna tuner kits from LDG, we now have accessorie kits.

The Remote Head Kit is designed to work with the full power AT11MP tuner, and the older AT11 tuner IF you add the accessory kit described below. The remote head makes it possible for the tuner itself to be located close to the antenna, or (for example) in the trunk of your car. It has LED's for SWR indication and switches for the tuning functions. Priced at \$29 it adds a lot of flexibility to the AT11/MP.

The AT11 Accessory Adapter Kit, \$20, adds a direct IC706 interface to the older AT11 automatic tuner, and it also provides for connection of the new remote control head described above. With it, ICOM IC-706 owners will be able to activate the tuning sequence from the front panel of their radio via the tune button. It comes with a 6 foot cable to connect to the IC-706.

We had the wrong price on the new Z11 QRP tuner kit. Somehow we got the assembled price onto the Web page, but this has now been corrected-- the Z11 kit, complete with enclosure, is only \$145.

See the LDG tuners and accessories at <http://www.MorseX.com/ldg.htm> .

As always, you can order on our secure server at <http://www.MorseX.com>, or use our toll-free credit card order line (800) 238-8205, or mail to Morse Express, 2460 S. Moline Way, Aurora CO 80014. For more information about the items mentioned here or any of our other products, visit our web site or call (303) 752-3382.

-----  
Date: Sat, 10 Jun 2000 17:35:30 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Monte Stark <ku7y@dri.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72389] Re: OT: Help: email via VHF - HOW???  
Message-ID: <Pine.OSF.4.21.0006101733410.26796-1000000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

You need access to a packet gateway. That's up to you to find., we have

one here in Detroit.

They are not at all secure, I would never suggest someone do what you are asking because your email password will be transmitted in clear text.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

On Fri, 9 Jun 2000, Monte Stark wrote:

> Hi All,  
>  
> Subject line kinda says it all..... how do I get my email  
> via VHF/UHF packet?  
>  
> Will a PK88 work?  
>  
> I know I will not be able to get this list that way but  
> I do need to get my "regular" email that way.  
>  
> Have radio, computer and PK88.  
>  
> Don't have the knowhow! :-)  
>  
> Musta been smelling that darn box after all!  
>  
> 73, Ron  
>  
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> ....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
> .....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
> ....Visit my Home Page.....<http://www.qsl.net/ku7y/>....  
>  
>

-----  
Date: Sat, 10 Jun 2000 17:50:34 EDT  
From: NB6M@aol.com  
To: JCoote@ci.arcadia.ca.us, qrp-1@lehigh.edu  
Subject: [72390] Re: Power FET PA ?  
Message-ID: <2b.6d56ba7.2674122a@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

For a circuit and discussion of a 5 Watt IRF-510 final amp transmitter, check out:

[Http://rason.org/Projects/projects.htm](http://rason.org/Projects/projects.htm)

The 5 Watt 40 Meter transmitter.

72

Wayne NB6M

-----  
Date: Sat, 10 Jun 2000 18:06:03 -0400  
From: "John Nall" <nally@talstar.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [72391] Morse Code Trainer...looking for  
Message-ID: <000b01bfd328\$12cf6ec0\$3760fea9@r6g4f3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Can anyone suggest the name/location of a really good software program for morse code? I have been using NuMorse, which is good, but the top speed on it seems to be 20 wpm. Yeah, I know. That is plenty, but I would like to be able to practice at a higher speed than 20.

Thanks for any help.

John AF4WM (ex-WB4LOQ)

-----  
Date: Sat, 10 Jun 2000 15:14:12 -0700  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [72392] Red Hot Radio - Temporarily Closed for the Summer  
Message-ID: <001201bfd329\$35098740\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi Folks,

Just to let you know that due to other commitments (like a house move and total remodel) we will be closing Red Hot Radio for business over the summer with immediate effect. We are simply just too busy with other things in our lives to be able to commit enough time to the business at the moment. Additionally, with the severe through-hole component shortages we are (all) experiencing we only have enough parts to build the kits we have orders for at this time.

We have a pile of orders already received and will service these within the next couple of weeks. Any more orders received after today will be held until we re-open in the fall (when we may have some more parts!).

Thanks for your understanding.  
72, Dave Fifield, AD6A

-----  
Date: Sat, 10 Jun 2000 18:24:51 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [72393] K2 Arrived!  
Message-ID: <001901bfd32a\$ba5b5c60\$0ae508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

While I was in Dayton this year I ordered a K2.  
It has arrived and now I have to find time to build the rig.

I think I will have no problems fitting the building into my schedule!

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv

http://www.n3epa.org  
Eastern Pennsylvania QRP Club Call  
N3EPA E-mail address: n3epa@talon.net

|                    |               |
|--------------------|---------------|
| EPA QRP #1         | NJ QRP #179   |
| KL7 QRP # 309      | G-QRP # 3031  |
| ARCI QRP # 5318    | 10 - X #13173 |
| NorCal             | Zombie #625   |
| ARS # 380          | HI-QRP #153   |
| VA QRP Society #45 | Bumblebee #6  |
| K2 sn1392          |               |

-----  
Date: Sat, 10 Jun 2000 18:42:17 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [72394] QST QRP Issue  
Message-ID: <3.0.32.20000610184213.0068b690@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I want to publicly thank Ed Hare W1RFI for the March 2000 issue which includes the TT-2. It was a great surprise in my mailbox! 2 QSOs from here to that rig so great fun!!!  
While looking through some old issues of QST, I came across an amplifier for that rig (Feb,77) called the Codzilla 1 by K6QIC. It has an RS2038 for a final amp for 3.5 watts on 40 meters. 73 to all.  
Pete NV4V  
(yes Codzilla is spelled with one L)

-----  
Date: Sat, 10 Jun 2000 15:56:50 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: nally@talstar.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [72395] Re: Morse Code Trainer...looking for  
Message-ID: <3942C7B2.4E61892B@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John Nall wrote:

>  
> Can anyone suggest the name/location of a really good software  
> program for morse code? I have been using NuMorse, which is  
> good, but the top speed on it seems to be 20 wpm. Yeah, I know.  
> That is plenty, but I would like to be able to practice at a higher  
> speed than 20.  
>

Morse Tutor Gold is (or used to be) highly regarded.

Phil

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End of QRP-L Digest 1848

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